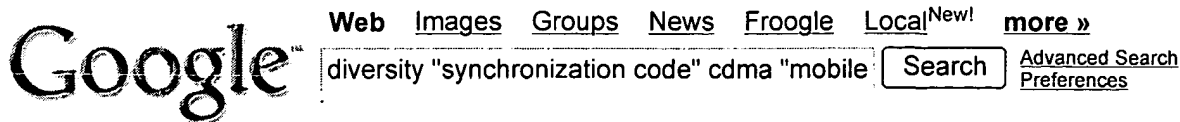


Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	332	(mobile adj terminal) and (diversity with (antenna or branches)) and cdma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 09:17
L2	319	(mobile adj terminal) and (diversity with (antenna)) and cdma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 09:17
L3	139	(mobile adj terminal) and (diversity near (antenna)) and cdma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 09:18
L4	12	(mobile adj terminal) with (diversity near (antenna)) and cdma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 09:18
L7	3104	375/354	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 10:25
L8	782	375/149	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 10:25
L9	5	1 and 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 10:25
L10	6	1 and 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 10:27

S1	1	"10/021220"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 15:30
S2	2	("5321850").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 19:22
S3	2	("6347234").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 19:24
S4	3337	synchronization with code and base and mobile	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 19:24
S5	615	(synchronization adj code) and base and mobile	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 19:25
S6	150	(synchronization adj code) and base and mobile and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 19:25
S7	34	((synchronization adj code) same diversity) and base and mobile	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 19:32
S8	8	("20030076875" "5790588" "6347234" "6356605").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 19:32

S9	5065	mobile with array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 19:36
S10	114	(mobile adj terminal) with diversity with antenna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 19:36
S11	5	((mobile adj terminal) with diversity with antenna) same synchronization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 19:42
S12	10	(mobile adj terminal) and (diversity with (antenna or branches)) and (synchronization adj code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 09:17



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 ...achieve "receive" **diversity** since it receives...signal from the **mobile terminal** (also known...transmit to a **mobile terminal** this is known as "transmit **diversity**". A useful...Achieving receive **diversity** at the **mobile terminal** by spatial...  
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COOPERATION TREATY APPLICATION, Feb 2005  
...METHOD FOR EMBEDDING OFDM IN **CDMA** SYSTEMS Field of the Invention...0 shows a  
block diagram of **CDMA** mode reception in the presence...factor OVFS space 3 6, and a  
**synchronization code** space 3 8 (more generally a...code at 44. Then, the combined  
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COOPERATION TREATY APPLICATION, Nov 2002  
...To do so, the **mobile terminal** 140 may search...the primary **synchronization code**  
transmitted...obtained, the **mobile terminal** 140 knows the...the secondary  
**synchronization code**. There may be...the primary **synchronization code** matched  
filter...stage two, the **mobile terminal** 140 uses the...  
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**DIVISION MULTIPLE ACCESS SECONDARY SYNCHRONIZATION...**  
**LITWIN, Louis, Robert / KEEL, Alton, Shelborne / GAO, Wen / THOMSON**  
**LICENSING S.A., PATENT COOPERATION TREATY APPLICATION**, Jan 2005  
...a primary **synchronization code** ("PSC") frequency...exemplary **CDMA**  
receiver...synchronize a **mobile terminal** such as a...acquired by a **mobile terminal**,  
the receiver...indicate to the **mobile terminal** whether or...transmit **diversity**  
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Feb 1999  
...this comparison, the macro-**diversity** control function or the handover...and the UE.  
3.4.2.3.3 Macro-**diversity** control Upon request of the...cells) from/ towards a single  
**mobile terminal**. This function also controls...generated by a single source (**diversity**

link), but conveyed via several...

[<http://www.s2.chalmers.se/graduate/courses/cdma/doc/ut...>]

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☐ **12. Main.dvi** [PDF-276K]

Oct 2003

...62 4.6.3 Transmit **Diversity** with Beamforming Feature...4.6.5 Closed Loop Transmit

**Diversity** Mode 2 with Reduced States...64 4.6.6 4-TX-STTD **Diversity**

Scheme...Division Multiple Access (W-**CDMA**) will be used in the paired...

[[http://www.nt.tuwien.ac.at/mobile/theses\\_finished/PhD\\_...](http://www.nt.tuwien.ac.at/mobile/theses_finished/PhD_...)]

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☐ **13. A 2D RAKE RECEIVER FOR USE IN WIRELESS COMMUNICATION SYSTEMS**


**DAI, Yanzhong / XU, Luzhou / LI, Yan / KONINKLIJKE PHILIPS ELECTRONICS**

**N.V.**, *PATENT COOPERATION TREATY APPLICATION*, Jun 2005

...multipath signals in time **diversity** to achieve time **diversity** gain. Fig.1 displays...to

achieve space **diversity** gain. Fig.2 displays...spreading codes in **CDMA** IS95, CDMA2000

and...receiver 330 of the **mobile terminal** respectively receive...

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☐ **14. Microsoft Word - Thesis\_Vol1\_FINAL.doc** [PDF-415K]

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M.P. O'Hare Supervisor: Liam Murphy | Abstract There is an increasing demand for

streaming video applications over both the fixed Internet and wireless IP networks.

MPEG-4 and H.264 are compression standards targeted at streamed multimedia services

over wireless best-effort IP.

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☐ **15. REDUCING INTERFERENCE AND CONTROLLING POWER WITH A MULTIPLE FORMAT CHANNEL IN A COMMUNICATION SYSTEM**

**BUTALA, Amit / QUALCOMM, INCORPORATED**, *PATENT COOPERATION TREATY*

*APPLICATION*, Feb 2004

...code division multiple access (**CDMA**), time division multiple access...other modulation

techniques. A **CDMA** system provides certain advantages...Also transmitted within the

W-**CDMA** system is a synchronization...length 256 chips, the Primary **Synchronization**

**Code** (PSC) denoted cp, which is...

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☐ **1. Microsoft Word - UTRA.doc** [PDF-393K]

Oct 1998

...Deallocation Acknowledgement **CDMA** Code Division Multiple Access...Discontinuous Transmission DS-**CDMA** Direct-Sequence Code Division...transport networks · Macro **diversity** is fully handled in the UTRAN...splitting function to support macro **diversity** between different Node B. The...

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Feb 1999

...this comparison, the macro-**diversity** control function or the handover...and the UE. 3.4.2.3.3 Macro-**diversity** control Upon request of the...cells) from/ towards a single **mobile terminal**. This function also controls...generated by a single source (**diversity** link), but conveyed via several...

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IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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- ☐ 1. **An overview of third-generation wireless personal communications: a European perspective**  
 Ojanpera, T.; Prasad, R.;  
 Personal Communications, IEEE [see also IEEE Wireless Communications]  
 Volume 5, Issue 6, Dec. 1998 Page(s):59 - 65  
 Digital Object Identifier 10.1109/98.736477  
[AbstractPlus](#) | Full Text: [PDF\(1476 KB\)](#) IEEE JNL
- ☐ 2. **An overview of air interface multiple access for IMT-2000/UMTS**  
 Ojanpera, T.; Prasad, R.;  
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 Volume 36, Issue 9, Sept. 1998 Page(s):82 - 86, 91-5  
 Digital Object Identifier 10.1109/35.714623  
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 Ojanpera, T.; Makinen, J.;  
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 Volume 1, 18-21 Sept. 2000 Page(s):310 - 314 vol.1  
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- ☐ 4. **Groupwise serial multiuser detectors for multirate DS-CDMA**  
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 Digital Object Identifier 10.1109/VETEC.1999.778323  
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- ☐ 5. **Groupwise weighted parallel interference cancellation for asynchronous multirate CDMA**  
 van Meeteren, A.F.; Ojanpera, T.; Nikookar, H.; Prasad, R.;  
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- ☐ 6. **Near-far resistance of parallel interference cancellation detector in a multirate DS-SS systems**  
 Alam, M.; Ojanpera, T.; Prasad, R.;  
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Volume 3, 19-22 Sept. 1999 Page(s):1830 - 1834 vol.3

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- ┐ **8. A novel technique for DS-CDMA system performance evaluation**  
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- ┐ **9. Impact of timing error on the performance of multiuser detection in multirate CDM systems**  
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- ┐ **12. A survey on CDMA: evolution towards wideband CDMA**  
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- 18. **Cellular coverage analysis of wideband MUD-CDMA system**  
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- 19. **Design of a 3rd generation multirate CDMA system with multiuser detection, MUD**  
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- 21. **DCS1800 based wireless local loop (WLL)**  
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**23. FRAMES multiple access for UTMS**

Ojanpera, T.; Klein, A.; Anderson, P.-O.;

CDMA Techniques and Applications for Third Generation Mobile Systems (Digest No: 1997/129), IEE Colloquium on 19 May 1997 Page(s):7/1 - 7/8

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